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54 Paper loading system for use in a printer.

57 A paper loading system for use in a printer has a platen (1) and a paper bail (5) mounted with two rollers (6a,6b). A carriage (2) having a projection (10) is provided to move parallelly to the platen. At the free end of the projection, a photo-detector (12) is provided to detect an edge of a loaded paper so as to memorize the opposite ends of the loaded paper. When the paper bail is in a pressing position at which rollers are holding the paper on a path of advance of the paper, no engagement is accomplished between the projection and the rollers. But when the paper bail is in a releasing position at which rollers are separated from the path to release the paper, the projection may come into contact with rollers to change the position of rollers. Using the memorized data, the movements of the carriage and the paper bail are controlled to locate the rollers at the opposite side rims of the loaded paper.

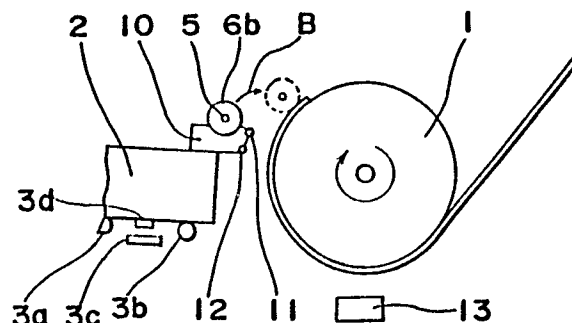


Fig. 3



DOCUMENTS CONSIDERED TO BE RELEVANT			EP 85108410.3
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	EP - A - O 012 881 (IBM) * Fig. 1; abstract *	1, 2, 5, 8	B 41 J 13/00 B 41 J 13/32
A	--	6, 7, 10, 11, 12, 14, 15, 16, 17	B 41 J 29/42 B 41 J 29/50
A	EP - A1 - O 015 553 (VYDEC) * Fig. 5, 6 *	10	
A	US - A - 4 364 062 (MATSUI) * Column 3, lines 61-64 *	4, 13	
A	PATENT ABSTRACTS OF JAPAN, unexamined applications, field M, vol. 7, no. 63, March 16, 1983 THE PATENT OFFICE JAPANESE GOVERNMENT page 106 M 200 * Kokai-no. 57-207 078 (TOKYO SHIBAURA DENKI) *	3, 12	TECHNICAL FIELDS SEARCHED (Int. Cl.4) B 41 J
A	PATENT ABSTRACTS OF JAPAN, unexamined applications, field M, vol. 6, no. 199, October 8, 1982 THE PATENT OFFICE JAPANESE GOVERNMENT page 86 M 162 * Kokai-no. 57-105 381 (COPAL) *	4, 10, 11, 13	
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 13-05-1987	Examiner MEISTERLE
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>& : member of the same patent family, corresponding document</p>			



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EUROPEAN SEARCH REPORT

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Application number

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EP 85108410.3

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A	<p>PATENT ABSTRACTS OF JAPAN, unexamined applications, field M, vol. 7, no. 37, February 15, 1983</p> <p>THE PATENT OFFICE JAPANESE GOVERNMENT</p> <p>page 10 M 193</p> <p>* Kokai-no. 57-187 286 (MATSUSHITA) *</p> <p>----</p>	9,18	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
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